RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/581,717_

Source: _1FWP_

Date Processed by STIC: _6/14/06_

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IFWP

RAW SEQUENCE LISTING   DATE: 06/14/2006
PATENT APPLICATION: US/10/581,717   TIME: 10:52:03

Input Set : A:\Q95277 Sequence Listing.txt
Output Set: N:\CRF4\06142006\J581717.raw

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  3 <110> APPLICANT: KOGA, Jinichiro
  4         BABA, Yuko
  5         NAKANE, Akitaka
  6         HANAMURA,Satoshi
  7         NISHIMURA, Tomoko
  8         GOMI, Shuichi
  9         KUBOTA, Hidetoshi
 10         KONO, Toshiaki
 12 <120> TITLE OF INVENTION: ENDOGLUCANASE STCE AND CELLULASE PREPARATION CONTAINING THE
SAME
 14 <130> FILE REFERENCE: Q95277
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/581,717
C--> 16 <141> CURRENT FILING DATE: 2006-06-05
 16 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/015733
 17 <151> PRIOR FILING DATE: 2004-10-22
 19 <150> PRIOR APPLICATION NUMBER: JP 2003-404020
 20 <151> PRIOR FILING DATE: 2003-12-03
 22 <160> NUMBER OF SEQ ID NOS: 37
 24 <170> SOFTWARE: PatentIn version 3.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 25
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
 31 <400> SEQUENCE: 1
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 37 Ser Trp Pro Gly Lys Ala Ser Val Asn
 38             20                  25
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 951
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
 46 <220> FEATURE:
 47 <221> NAME/KEY: sig_peptide
 48 <222> LOCATION: (1)..(63)
 50 <220> FEATURE:
 51 <221> NAME/KEY: CDS
 52 <222> LOCATION: (64)..(951)
 55 <400> SEQUENCE: 2
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 58 gct gcc gat ggc aag tcg acc cgc tac tgg gac tgt tgc aag ccg tcg    108
 59     Ala Asp Gly Lys Ser Thr Arg Tyr Trp Asp Cys Cys Lys Pro Ser
 60     1               5                   10                  15
 62 tgc tcg tgg ccc ggc aag gcc tcg gtg aac cag ccc gtc ttc gcc tgc    156
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63 Cys Ser Trp Pro Gly Lys Ala Ser Val Asn Gln Pro Val Phe Ala Cys
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66 agc gcc aac ttc cag cgc atc agc gac ccc aac gtc aag tcg ggc tgc      204
67 Ser Ala Asn Phe Gln Arg Ile Ser Asp Pro Asn Val Lys Ser Gly Cys
68               35              40              45
70 gac ggc ggc tcc gcc tac gcc tgc gcc gac cag acc ccg tgg gcc gtc      252
71 Asp Gly Gly Ser Ala Tyr Ala Cys Ala Asp Gln Thr Pro Trp Ala Val
72               50              55              60
74 aac gac aac ttc tcg tac ggc ttc gcc gcc acg tcc atc tcg ggc ggc      300
75 Asn Asp Asn Phe Ser Tyr Gly Phe Ala Ala Thr Ser Ile Ser Gly Gly
76       65              70              75
78 aac gag gcc tcg tgg tgc tgt ggc tgc tac gag ctg acc ttc acc tcg      348
79 Asn Glu Ala Ser Trp Cys Cys Gly Cys Tyr Glu Leu Thr Phe Thr Ser
80 80              85              90              95
82 ggc ccc gtc gct ggc aag acc atg gtt gtc cag tcc acc tcg acc ggc      396
83 Gly Pro Val Ala Gly Lys Thr Met Val Val Gln Ser Thr Ser Thr Gly
84               100             105             110
86 ggc gac ctc ggc acc aac cac ttc gac ctg gcc atg ccc ggt ggt ggt      444
87 Gly Asp Leu Gly Thr Asn His Phe Asp Leu Ala Met Pro Gly Gly Gly
88               115             120             125
90 gtc ggc atc ttc gac ggc tgc tcg ccc cag ttc ggc ggc ctc gcc ggc      492
91 Val Gly Ile Phe Asp Gly Cys Ser Pro Gln Phe Gly Gly Leu Ala Gly
92        130             135             140
94 gac cgc tac ggc ggc gtc tcg tcg cgc agc cag tgc gac tcg ttc ccc      540
95 Asp Arg Tyr Gly Gly Val Ser Ser Arg Ser Gln Cys Asp Ser Phe Pro
96        145             150             155
98 gcc gcc ctc aag ccc ggc tgc tac tgg cgc ttc gac tgg ttc aag aac      588
99 Ala Ala Leu Lys Pro Gly Cys Tyr Trp Arg Phe Asp Trp Phe Lys Asn
100 160             165             170             175
102 gcc gac aac ccg acc ttc acc ttc cgc cag gtc cag tgc ccg tcg gag     636
103 Ala Asp Asn Pro Thr Phe Thr Phe Arg Gln Val Gln Cys Pro Ser Glu
104               180             185             190
106 ctc gtc gcc cgc acc ggc tgc cgc cgc aac gac gac ggc aac ttc ccc     684
107 Leu Val Ala Arg Thr Gly Cys Arg Arg Asn Asp Asp Gly Asn Phe Pro
108               195             200             205
110 gtc ttc acc cct ccc tcg ggc ggt cag tcc tcc tcg tct tcc tcc tcc     732
111 Val Phe Thr Pro Pro Ser Gly Gly Gln Ser Ser Ser Ser Ser Ser Ser
112         210             215             220
114 agc agc gcc aag ccc acc tcc acc tcc acc tcg acc acc tcc acc aag     780
115 Ser Ser Ala Lys Pro Thr Ser Thr Ser Thr Ser Thr Thr Ser Thr Lys
116       225             230             235
118 gct acc tcc acc acc tcg acc gcc tcc agc cag acc tcg tcg tcc acc     828
119 Ala Thr Ser Thr Thr Ser Thr Ala Ser Ser Gln Thr Ser Ser Ser Thr
120 240             245             250             255
122 ggc ggc ggc tgc gcc gcc cag cgc tgg gcg cag tgc ggc ggc atc ggg     876
123 Gly Gly Gly Cys Ala Ala Gln Arg Trp Ala Gln Cys Gly Gly Ile Gly
124               260             265             270
126 ttc tcg ggc tgc acc acg tgc gtc agc ggc acc acc tgc aac aag cag     924
127 Phe Ser Gly Cys Thr Thr Cys Val Ser Gly Thr Thr Cys Asn Lys Gln
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128              275              280              ·   285
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131 Asn Asp Trp Tyr Ser Gln Cys Leu
132          290              295
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136 <211> LENGTH: 295
137 <212> TYPE: PRT
138 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
140 <400> SEQUENCE: 3
142 Ala Asp Gly Lys Ser Thr Arg Tyr Trp Asp Cys Cys Lys Pro Ser Cys
143 1             5                 10                15
146 Ser Trp Pro Gly Lys Ala Ser Val Asn Gln Pro Val Phe Ala Cys Ser
147          20                25                30
150 Ala Asn Phe Gln Arg Ile Ser Asp Pro Asn Val Lys Ser Gly Cys Asp
151          35                40                45
154 Gly Gly Ser Ala Tyr Ala Cys Ala Asp Gln Thr Pro Trp Ala Val Asn
155     50                55                60
158 Asp Asn Phe Ser Tyr Gly Phe Ala Ala Thr Ser Ile Ser Gly Gly Asn
159 65                70              75                80
162 Glu Ala Ser Trp Cys Cys Gly Cys Tyr Glu Leu Thr Phe Thr Ser Gly
163               85                90                95
166 Pro Val Ala Gly Lys Thr Met Val Val Gln Ser Thr Ser Thr Gly Gly
167          100               105               110
170 Asp Leu Gly Thr Asn His Phe Asp Leu Ala Met Pro Gly Gly Gly Val
171          115               120               125
174 Gly Ile Phe Asp Gly Cys Ser Pro Gln Phe Gly Gly Leu Ala Gly Asp
175     130               135               140
178 Arg Tyr Gly Gly Val Ser Ser Arg Ser Gln Cys Asp Ser Phe Pro Ala
179 145               150               155               160
182 Ala Leu Lys Pro Gly Cys Tyr Trp Arg Phe Asp Trp Phe Lys Asn Ala
183               165               170               175
186 Asp Asn Pro Thr Phe Thr Phe Arg Gln Val Gln Cys Pro Ser Glu Leu
187          180               185               190
190 Val Ala Arg Thr Gly Cys Arg Arg Asn Asp Asp Gly Asn Phe Pro Val
191          195               200               205
194 Phe Thr Pro Pro Ser Gly Gly Gln Ser Ser Ser Ser Ser Ser Ser Ser
195     210        ·      215               220
198 Ser Ala Lys Pro Thr Ser Thr Ser Thr Ser Thr Thr Ser Thr Lys Ala
199 225               230               235               240
202 Thr Ser Thr Thr Ser Thr Ala Ser Ser Gln Thr Ser Ser Ser Thr Gly
203               245               250               255
206 Gly Gly Cys Ala Ala Gln Arg Trp Ala Gln Cys Gly Gly Ile Gly Phe
207          260               265               270
210 Ser Gly Cys Thr Thr Cys Val Ser Gly Thr Thr Cys Asn Lys Gln Asn
211          275               280               285
214 Asp Trp Tyr Ser Gln Cys Leu
215          290               295
218 <210> SEQ ID NO: 4
219 <211> LENGTH: 8
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220 <212> TYPE: PRT
221 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
223 <400> SEQUENCE: 4
225 Pro Ser Cys Ser Trp Pro Gly Lys
226 1                   5
229 <210> SEQ ID NO: 5
230 <211> LENGTH: 9
231 <212> TYPE: PRT
232 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
234 <400> SEQUENCE: 5
236 Ser Thr Arg Tyr Trp Asp Cys Cys Lys
237 1                   5
240 <210> SEQ ID NO: 6
241 <211> LENGTH: 10
242 <212> TYPE: PRT
243 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
245 <400> SEQUENCE: 6
247 Asn Ala Asp Asn Pro Thr Phe Thr Phe Arg
248 1                   5                  10
251 <210> SEQ ID NO: 7
252 <211> LENGTH: 10
253 <212> TYPE: PRT
254 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
256 <400> SEQUENCE: 7
258 Ala Ser Val Asn Gln Pro Val Phe Ala Cys
259 1                   5                  10
262 <210> SEQ ID NO: 8
263 <211> LENGTH: 7
264 <212> TYPE: PRT
265 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
267 <400> SEQUENCE: 8
269 Pro Gly Cys Tyr Trp Arg Phe
270 1                   5
273 <210> SEQ ID NO: 9
274 <211> LENGTH: 7
275 <212> TYPE: PRT
276 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
278 <400> SEQUENCE: 9
280 Thr Met Val Val Gln Ser Thr
281 1                   5
284 <210> SEQ ID NO: 10
285 <211> LENGTH: 9
286 <212> TYPE: PRT
287 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
289 <400> SEQUENCE: 10
291 Gln Asn Asp Trp Tyr Ser Gln Cys Leu
292 1                   5
293 <210> SEQ ID NO: 11
294 <211> LENGTH: 8
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RAW SEQUENCE LISTING   DATE: 06/14/2006
PATENT APPLICATION: US/10/581,717   TIME: 10:52:04

Input Set : **A:\Q95277 Sequence Listing.txt**
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295 <212> TYPE: PRT
296 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
298 <400> SEQUENCE: 11
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301 1               5
304 <210> SEQ ID NO: 12
305  <211> LENGTH: 9
306 <212> TYPE: PRT
307 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
309 <400> SEQUENCE: 12
311 Ser Thr Arg Tyr Trp Asp Cys Cys Lys
312 1               5
315 <210> SEQ ID NO: 13
316 <211> LENGTH: 10
317 <212> TYPE: PRT
318 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
320 <400> SEQUENCE: 13
322 Asn Ala Asp Asn Pro Thr Phe Thr Phe Arg
 323 1               5                  10
326 <210> SEQ ID NO: 14
327 <211> LENGTH: 16
328 <212> TYPE: PRT
329 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
331 <400> SEQUENCE: 14
333 Ala Ser Val Asn Gln Pro Val Phe Ala Cys Ser Ala Asn Phe Gln Arg
334 1               5                  10                 15
337 <210> SEQ ID NO: 15
338 <211> LENGTH: 22
339 <212> TYPE: PRT
340 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
342 <400> SEQUENCE: 15
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345 1               5                  10                · 15
348 Trp Ala Val Asn Asp Asn
349             20
352 <210> SEQ ID NO: 16
353 <211> LENGTH: 11
354 <212> TYPE: PRT
355 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
357 <400> SEQUENCE: 16
359 Pro Gly Cys Tyr Trp Arg Phe Asp Trp Phe Lys
360 1               5                  10
363 <210> SEQ ID NO: 17
364 <211> LENGTH: 16
365 <212> TYPE: PRT
366 <213> ORGANISM: Staphylotrichum coccosporum IFO 31817
368 <400> SEQUENCE: 17
370 Thr Met Val Val Gln Ser Thr Ser Thr Gly Gly Asp Leu Gly Thr Asn
371 1               5                  10                 15
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VERIFICATION SUMMARY   DATE: 06/14/2006
PATENT APPLICATION: US/10/581,717   TIME: 10:52:05

     Input Set : A:\Q95277 Sequence Listing.txt
     Output Set: N:\CRF4\06142006\J581717.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date